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CENTRAL INTELLIGENCE AGENCY

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- c. The advanced technical school consists of courses in political education, Morse code, transport regulations, radio and telephone mechanics and theory, electricity, physics, counterintelligence, and physical training.
4. Training of cadets, officers and NCO's of the Signal Corps is organized on the following basis:
    - a. In the spring of 1948 thirty youngsters ranging in age from 14 to 16 were accepted on six year enlistments in the Army Signal School for training. They attended the school for specialists for three months, after which they were attached to various Signal Corps units. The best of these cadets will be selected to attend the Military Academy at Hranice from which they will be graduated as officers in the Signal Corps.
    - b. Cadets of the Military Academy destined for the Signal Corps receive one year of general training and one year of specialized training in signalling. After graduation they are attached as lieutenants to individual Signal Corps units for one year of practical training as signal platoon leaders. After this they attend the Army Signal School for nine months training in the advanced technical school.
    - c. Lieutenants and second lieutenants promoted from the rank of warrant officer attend the Army Signal School for a three month course. One such course was begun on 1 September 1949, and a second similar course will be started in January 1950.
    - d. A selection center was established in the spring of 1949 at the Army Signal School to choose the best NCO's of the Signal Corps to attend the Military Academy at Hranice. About 300 NCO's were screened by the center.
    - e. Eighty NCO's attended a six-month course at the School during the spring of 1949 in preparation for promotion to lieutenant in the Signal Corps.
  5. Signal equipment of the School includes:
    - a. Radio sets of German origin, obtained as war booty, of the following types:
      - 1) 200 Watt Receiver and transmitter with a range of 1,000 km
      - 2) 100 " " " " " " " 50 km
      - 3) 80 " Transmitter with a range of 80-100 km
      - 4) 30 " " " " " " " 10-20 km
      - 5) 10 " " " " " " " 10-15 km
      - 6) 5 " " " " " " " 7-8 km
      - 7) 1.5 " Long-wave receiver and transmitter with a range of 700-1,000 km
      - 8) Torn-Fu-D2 Receiver and transmitter with a range of 50-100 km
      - 9) Torn-Fu-h " " " " " " " 3-5 km
      - 10) Torn-Fu-b. I " " " " " " " 3-4 km
      - 11) Torn-A-B-C " " " " " " " 1 km
      - 12) KI-Fu-Spr " " " " " " " 1.5 km
    - b. Radio sets of Russian make:
      - 1) A-7-A Receiver and transmitter with a range of 20 km
      - 2) 12-R-P-M " " " " " " " 20 km
      - 3) R-B-S " " " " " " " 10 km
    - c. Radio sets of British make:
      - 1) 19-M-K-3 Short-wave receiver and transmitter with unlimited range. This set has three transmission wave lengths, and is the type used on tanks.
    - d. Telephones:
      - 1) German make, model 33, used as field phones
      - 2) German make, model 38, used as office phones
      - 3) Czech make, model 35, newer type in use at present
      - 4) Czech make, model 23, earlier type

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- 5) Russian make, UNA-F-42
- 6) Russian make, UNA-F-43
- 7) Russian make, UNA-F-1, with inductor
- 8) Russian make, TAJ-43, newest model

## e. Switchboards:

- 1) German make, with 10, 20, 40, 60, 150 or 300 connections
- 2) Czech make with 15 connections
- 3) Russian make, KOV-6 with 6 connections
- 4) Russian make, K-10, with 10 connections. The newest models are equipped with inductors.
- 5) Russian make, PK-10, with 10 connections.

## f. Teletypewriters of German manufacture:

- 1) Lorenz, model LO-36
- 2) Siemens, model SI-38
- 3) Teletype-switchboard, model I-39, with 10 connections, used in field
- 4) Teletype-switchboard, model I-41, with 90 connections, set up in two lorries.

## g. Carrier frequency devices:

- 1) MG-15            15 telephone or telegraph connections in both directions on two wires.
- 2) MT-40           4 to 6 telephone or telegraph connections in both directions.
- 3) TFB-1-4        5 telephone connections in both directions.

## h. Modern German equipment undergoing tests with the Czech Army Signal Corps:

- 1) DMG-7           Michal decimeter apparatus operates on a 60 cm wave length with a range of 100 km. It works on 220 volt alternating current. One telephone and one telegraph call can be made simultaneously in both directions.
- 2) DG-2-T-2        Elster battery decimeter apparatus operates on a wave length of 55-60 cm and has a range of up to 60 km. It is operated by a 90 volt anode battery and a storage battery 2V-2B-38. The set weighs 25 kgs and is carried by two men. One telephone and one telegraph or three telephone calls can be made simultaneously.
- 3) MEK-8           Eight calls can be made simultaneously on two wires. This set operates at a frequency of 120 KHz to 440 KHz.

It is difficult to intercept transmissions from these sets. They are at present being manufactured at the Tesla factory.

## 6. Transportation facilities at the Army Signal School:

Type	No.
Praga RN 3-ton truck	6
Fiat 5-ton truck	1
Mercedes	2
Studebaker truck	2
Jeep	1
Motorcycle	10
Radio truck, British make	2
Teletype-switchboard truck	2
Telephone truck	3
Riding horses	14
Relay horses	8

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## 7. Personnel of the Army Signal School:\*\*

## a. Headquarters:

- 1) Commanding Officer: Lt. Col. Frantisek Junek, 50 years old. He is also C.O. of the garrison at Nove Mesto nad Vahom.
- 2) Deputy C.O.: Lt. Col. R. Necany, 50 years old.
- 3) Chief of Staff: Staff Capt. Josef Nostak, 35 years old, a Slovak, was graduated from the Higher Military Academy at Prague in 1949.
- 4) Adjutant: Staff Capt. Karel Novak, graduate of the Higher Political School.
- 5) Counterintelligence Officer: 1st Lt. Joseph Fuerst, a member of the West Czechoslovak Army [redacted] 25X1
- 6) Physical Training Officer: Lt. Kendl, was graduated from the Military Academy in 1948.
- 7) Technical Officer: Staff Capt. Pechanek, a fanatical Communist, at present in Moscow for a two year training course.
- 8) Armourer: 2nd Lt. Juraj Flutko, a fanatical Communist.
- 9) Chief of Personnel: Lt. Uncovsky, [redacted] 25X1
- 10) Chief of the Quartermaster Office: Lt. Karl Hamara. Other officers in this office are 2nd Lt. Marion Siron, 2nd Lt. Josef Nemcak, 2nd Lt. Josef Nemcak, 2nd Lt. Rudolf Petovsky, 2nd Lt. Josef Gula, 2nd Lt. Krsiak, 2nd Lt. Boh. Kybal, 2nd Lt. Jan Janoscik, and 2nd Lt. St. Cambal.
- 11) Chief of the Mechanical Workshops: 2nd Lt. Oldrich Heral.
- 12) Chief of the Military Stores: 2nd Lt. Karel Peterka. Also in this section is 2nd Lt. Jaroslav Dlabkyka.
- 13) Storekeeper in Signal Stores: 2nd Lt. Juraj Mistrik.
- 14) Transportation Officer: 2nd Lt. Hvizdos.
- 15) Officer in Charge of the Sables: Lt. Vozak.
- 16) Chief Medical Officer: Major Dr. Jaroslav Nemec. Lt. Antonin Vitona is a medical officer.
- 17) Chancery Officers: 2nd Lt. Lad. Bartu, 2nd Lt. Pavel Kovacic, 2nd Lt. Josef Berec.
- 18) C.O. of HQ Co.: Capt. Tomas Tichy. HQ Co. numbers about 120 men.

## b. School for reserve officers of the Signal Corps:

- 1) Commandant of the school: Lt. Col Hajek.
- 2) School administration: Staff Capt. Charvat, Capt. Krysz, 1st Lt. Jaroslav Skala, Capt. Malanka, 1st Lt. Kvark, 2nd Lt. Josef Socha, 2nd Lt. Antonin Bucka.

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- 3) Students: The school is organized into three companies of about 110 men each.

## c. School for specialists:

- 1) Commandant of the school: Staff Capt. J. Klimko.
- 2) Head of Telephone Mechanics Section: Lt. Hujsi.
- 3) Head of Teletype Mechanics Section: Lt. Abos.
- 4) Head of Radio Mechanics Section: Lt. Kracmarik.
- 5) Students: There are 100 students in each of the three sections.

## d. Advanced technical course for officers of the Army:

- 1) Commandant of the school: Major Denl.
- 2) Professor of Radio: Staff Capt. Vystrcil.
- 3) Professor of Liaison and Signalling: Staff Capt. Markovic of the East Czechoslovak Army.
- 4) Professor of Physics and Mathematics: Lt. Col. Karel Durana.
- 5) Professor of Transportation: Staff Capt. Jindr. Brem.

## e. Evaluation Section:

- 1) C.O.: Lt. Col. Ing. Misar, also Commandant of the barracks.

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- 2) Officers: 2nd Lt. Bartu.

## 8. Signal Units of the Czechoslovak Army:

- a. 1st Signal Regiment HQ at Turnov, Army Unit No. 4562.
- b. 2nd " " HQ at Benesov near Prague, Army Unit No. 2111.
- c. 3rd " " HQ at Brno, Army Unit No. 4546.
- d. 4th " " HQ at Turdiansky Svaty Martin, Army Unit No. 2112.
- e. 5th " " HQ at Pardubice, Army Unit No. 4601.
- f. Arsenal for all Signal Regiments HQ at Hradec Kralove, Army Unit No. 4617.

Attachments: I - Sketch of receivers and transmitters,

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II - Sketch of the Barracks at the Army Signal School at Nove Mesto nad Vahom, and legend (2 pages)

\* Comment: Much of the same equipment is described in greater detail\*\* Comment: Many of these officers are listed but with different spellings.

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